

At page 32, line 38, after "XFXX" please insert --(SEQ ID NO: 20)--.  
At page 33, line 22, after "gaan" please insert --(SEQ ID NO: 21 )--.  
At page 33, line 23, after "XXEX" please insert --(SEQ ID NO: 22)--.  
At page 34, line 22, after "gaan" please insert --(SEQ ID NO: 23)--.  
At page 34, line 23, after "XXXX" please insert --(SEQ ID NO: 24)--.  
At page 35, line 22, after "gagt" please insert --(SEQ ID NO: 25)--.  
At page 35, line 23, after "RXWR" please insert --(SEQ ID NO: 26)--.  
At page 36, line 23, after "EXGE" please insert --(SEQ ID NO: 27 )--.  
At page 37, line 23, after "RXES" please insert --(SEQ ID NO: 28)--.  
At page 38, line 24, after "tt" please insert --(SEQ ID NO: 29)--.  
At page 38, line 23, after "AXPH" please insert --(SEQ ID NO: 30)--.  
At page 39, line 24, after "t" please insert --(SEQ ID NO: 31)--.  
At page 39, line 23, after "PXPI" please insert --(SEQ ID NO: 32)--.  
At page 40, line 22, after "cattt" please insert --(SEQ ID NO: 33)--.  
At page 40, line 23, after "XAPF" please insert --(SEQ ID NO: 34)--.  
At page 41, line 24, after "tc" please insert --(SEQ ID NO: 35)--.  
At page 41, line 23, after "LLVG" please insert --(SEQ ID NO: 36)--.  
At page 42, line 23, after "CWSD" please insert --(SEQ ID NO: 37)--.  
At page 43, line 23, after "AGRI" please insert --(SEQ ID NO: 38)--.  
At page 44, line 8, after "ggatc" please insert --(SEQ ID NO: 39)--.  
At page 44, line 9, after "VDG" please insert --(SEQ ID NO: 40)--.  
At page 44, line 18, after "ggatc" please insert --(SEQ ID NO: 41)--.  
At page 44, line 19, after "SMD" please insert --(SEQ ID NO: 42)--.  
At page 44, line 28, after "ggatc" please insert --(SEQ ID NO: 43)--.  
At page 44, line 29, after "RWI" please insert --(SEQ ID NO: 44)--.  
At page 45, line 8, after "cgcg" please insert --(SEQ ID NO: 45)--.  
At page 45, line 9, after "SPA" please insert --(SEQ ID NO: 46)--.  
At page 45, line 19, after "VQR" please insert --(SEQ ID NO: 47)--.  
At page 45, line 29, after "SSA" please insert --(SEQ ID NO: 48)--.  
At page 46, line 34, after "gagt" please insert --(SEQ ID NO: 49)--.

At page 46, line 35, after "RLES" please insert --(SEQ ID NO: 50)--.  
At page 47, line 20, after "gagt" please insert --(SEQ ID NO: 51)--.  
At page 47, line 21, after "GWR" please insert --(SEQ ID NO: 52)--.  
At page 48, line 20, after "gagt" please insert --(SEQ ID NO: 53)--.  
At page 48, line 21, after "AGE" please insert --(SEQ ID NO: 54)--.  
At page 49, line 20, after "gata" please insert --(SEQ ID NO: 55)--.  
At page 49, line 21, after "IERI" please insert --(SEQ ID NO: 56)--.  
At page 50, line 21, after "SSG" please insert --(SEQ ID NO: 57)--.  
At page 51, line 21, after "RAD" please insert --(SEQ ID NO: 58)--.  
At page 52, line 10, after "gagt" please insert --(SEQ ID NO: 59)--.  
At page 52, line 11, after "XAGE" please insert --(SEQ ID NO: 60)--.  
At page 52, line 22, after "gagt" please insert --(SEQ ID NO: 61)--.  
At page 52, line 23, after "KLES" please insert --(SEQ ID NO: 62)--.  
At page 53, line 10, after "gagt" please insert --(SEQ ID NO: 63)--.  
At page 53, line 11, after "XSWR" please insert --(SEQ ID NO: 64)--.  
At page 53, line 22, after "gata" please insert --(SEQ ID NO: 65)--.  
At page 53, line 23, after "XCXD" please insert --(SEQ ID NO: 66)--.  
At page 54, line 11, after "CXRI" please insert --(SEQ ID NO: 67)--.  
At page 54, line 23, after "XVXG" please insert --(SEQ ID NO: 68)--.  
At page 55, line 12, after "nant" please insert --(SEQ ID NO: 69)--.  
At page 55, line 13, after "SWXX" please insert --(SEQ ID NO: 70)--.  
At page 55, line 26, after "nant" please insert --(SEQ ID NO: 71)--.  
At page 55, line 27, after "XAGX" please insert --(SEQ ID NO: 72)--.  
At page 55, line 40, after "nant" please insert --(SEQ ID NO: 73)--.  
At page 55, line 41, after "KLXX" please insert --(SEQ ID NO: 74)--.  
At page 56, line 12, after "gata" please insert --(SEQ ID NO: 75)--.  
At page 56, line 13, after "CXAG" please insert --(SEQ ID NO: 76)--.  
At page 56, line 27, after "AXPD" please insert --(SEQ ID NO: 77)--.  
At page 56, line 41, after "XGRI" please insert --(SEQ ID NO: 78)--.  
At page 57, line 12, after "gata" please insert --(SEQ ID NO: 79)--.

At page 57, line 13, after "CGYG" please insert --(SEQ ID NO: 80)--.

At page 57, line 26, after "gatc" please insert --(SEQ ID NO: 81)--.

At page 57, line 27, after "VVMD" please insert --(SEQ ID NO: 82)--.

At page 58, line 12, after "gatc" please insert --(SEQ ID NO: 83)--.

At page 58, line 13, after "WLWT" please insert --(SEQ ID NO: 84)--.

At page 58, line 26, after "gagt" please insert --(SEQ ID NO: 85)--.

At page 58, line 27, after "RGWR" please insert --(SEQ ID NO: 86)--.

At page 59, line 13, after "EAGE" please insert --(SEQ ID NO: 87)--.

At page 59, line 27, after "RLES" please insert --(SEQ ID NO: 88)--.

At page 60, line 10, after "tgtg" please insert --(SEQ ID NO: 89)--.

At page 60, line 11, after "STRC" please insert --(SEQ ID NO: 90)--.

At page 60, line 22, after "tgtg" please insert --(SEQ ID NO: 91)--.

At page 60, line 23, after "PLAV" please insert --(SEQ ID NO: 92)--.

At page 60, line 34, after "tgtg" please insert --(SEQ ID NO: 93)--.

At page 60, line 35, after "VHSL" please insert --(SEQ ID NO: 15)--.

At page 61, line 10, after "gatc" please insert --(SEQ ID NO: 95)--.

At page 61, line 11, after "GCAD" please insert --(SEQ ID NO: 96)--.

At page 61, line 23, after "DARI" please insert --(SEQ ID NO: 97)--.

At page 61, line 35, after "RMRG" please insert --(SEQ ID NO: 98)--.

#### REMARKS

The amendments to the specification to insert a substitute paper copy of the Sequence Listing and sequence identifiers were made to address informalities. Applicants hereby submit that the amendments and accompanying enclosures fulfill the requirements under 37 C.F.R. §1.821-1.825. Thus, the amendments do not add new matter and Applicants respectfully request entry thereof.

Applicant : Lynn K. Gordon, M.D.  
Serial No. : 09/484,577  
Filed : January 18, 2000  
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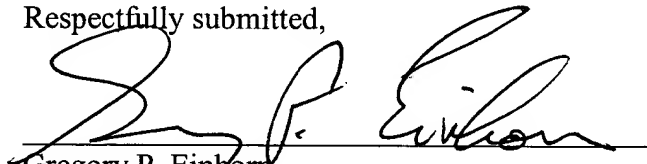
Attorney's Docket No.: 07419-029001

Please apply any charges or credits to Deposit Account No. 06-1050.

Date:

Jan. 22, 2001

Respectfully submitted,



Gregory P. Einhorn  
Reg. No. 38,440

Fish & Richardson P.C.  
4350 La Jolla Village Drive, Suite 500  
San Diego, CA 92122  
Telephone: (858) 678-5070  
Facsimile: (858) 678-5099

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